

# Edwards Mountain Woodworks 2008 Workshops

*fine handtool woodworking: creating and teaching in wood*

<http://www.edwardsmountainwoodworks.com>



Workshops are offered focusing on hand tool woodworking skills and techniques. Workshops are hands on in all cases and are generally either 1 or two days in length and are from 9 am to 5 pm or thereabouts. In some cases, either experience or a previous workshop is required. Lunch is provided. All tools and a comprehensive manual are provided for each workshop. A tool list is available, and students are encouraged to bring their personal tools as well. Some classes have a materials fee as well.

Further information on the workshops, schedule, tools needed and any other requirements are available. Email Bill Anderson at [bill@edwardsmountainwoodworks.com](mailto:bill@edwardsmountainwoodworks.com) or call 919-932-6050, evenings.

## Joinery

### ***Beginning Dovetail Joinery***

***Dates: March 15***

***Cost: \$80***

Learn the skills and techniques necessary to design and layout simple through and half blind dovetails. We will explore the types and the structure of dovetails, look at the various tools and jigs that are necessary and also make a simple dovetail jig useful for laying out these joints.

### ***Advanced Dovetail Joinery***

***Dates: April 5***

***Cost: \$80***

This workshop is for those with previous experience in dovetailing. Choose from variable spacing, houndstooth, mitered half blind, mitered full blind, Japanese styles. We will focus on two advanced joints, although we will study a number in detail.

### ***Beginning Mortise and Tenon Joinery***

***Dates: March 16***

***Cost: \$80***

Learn the skills and techniques necessary to design and layout simple blind and through mortise and tenon joints. We will explore the types and the structure of mortise and tenons, and look at the various tools and jigs that are necessary.

### ***Advanced Mortise and Tenon Joinery***

***Dates: April 6***

***Cost: \$80***

This workshop is for those with previous experience in mortise and tenon joinery. Choose from through pinned or wedged, tusk tenon, mitered slip tenon, half lap tenon, etc. We will focus on two advanced joints, although we will study a number in detail.

### ***All About Grooved Joinery***

***Dates: July 27***

***Cost: \$80***

Learn the techniques to design and layout dadoes, rabbets, beads, and tongue and groove joinery using such handtools as handsaws, chisels, rabbet planes, matched tongue and groove planes, router planes, shoulder planes, molding planes and scratch stock.

## Handtool Skills and Techniques

### ***Rough to Ready***

***Dates: March 23***

***Cost: \$80***

Participants will learn the skills and techniques necessary to take a piece of rough lumber and bring it to final dimension, to be square, smooth and true, using only hand tools and traditional techniques and gauges. We will also explore jointing and shaping edges for decorative and for jointing purposes.

### ***Bench Planes Skills and Techniques***

***Dates: May 31-June 1***

***Cost: \$160***

Explore the range and usefulness of bench planes for handtool woodworking. Hands-on experience will cover scrub, smooth, jack, try, fore and jointer planes and all types of block planes. Restoration, sharpening, tune up of planes is covered in detail. For students taking the Special Planes workshop, we will dimension lumber for a project to be completed in that workshop.

**Specialty Plane Skills and Techniques****Dates: June 7-8****Cost: \$160**

Learn and use the many types of rabbet planes, router plane, shoulder, tongue and groove, dado, molding planes to cut and fit joinery, modify existing profiles and to apply decorative edging on your workpiece. We will explore how to tune up, set up and sharpen these tools. Students who have taken the Bench Planes workshop will make a simple wall hung shelf from lumber dimensioned in that workshop.

**All About Scrapers****Dates: October 18****Cost: \$80**

We will cover the complete range of card scrapers and scraper planes, how to adjust these tools and how to get the best results from them. Learn to sharpen and adjust scrapers to apply a smooth surface to your work. We will make several useful jigs for use in preparing card scrapers for use.

**Hand Cut Moldings****Dates: May 11****Cost: \$80**

The focus of this workshop is to be able to make short lengths of moldings and apply decorative edging to workpieces using molding planes and specialty planes. These skills will allow you to reproduce any profiles you might desire, and to modify them to suit your purposes. We also work with scratchstock to achieve these ends as well.

**All About Chisels****Dates: May 10****Cost: \$80**

We will explore the types and uses of many chisels including bevel edge, registered, dovetail, sash, mortise, paring, dog-leg, in-cannel and out-cannel and Japanese. How to sharpen chisels, how to restore or modify flea-market finds, and what to look for in purchasing a set of chisels.

**Carving Cabriole Legs****Dates: September 13-14****Cost: \$160**

Cabriole legs are the quintessential design element of Queen Ann and Chippendale furniture. Learn the techniques to design, layout and cut these elegant legs. We will also learn how to shape different foot styles, including pad and ball-and-claw, and to layout and carve sea-shell type decorative elements on the knees of these legs.

## Handtool Sharpening

**Handtool Sharpening****Dates: July 19****Cost: \$80**

Hand on experience with a range of sharpening media (waterstones, oil stones, sandpaper, etc) and techniques to sharpen planes blades, chisels, spokeshaves, curved bladed tools and other handtools. Bring your own tools or special problem tool to be sharpened.

**Sharpening Handsaws****Dates: July 20****Cost: \$80**

Hands on experience sharpening rip and cross cut handsaws. We will explore the anatomy and purposes of various types of handsaws, how to clean up and restore handsaws. We will look at various types of jigs and gauges useful for sharpening, and evaluate different types of sawsets

## Planemaking

**Traditional Molding Plane****Dates: May 3-4****Cost: \$160**

Make a simple side escapement molding plane using traditional tools and floats. Students will make and fit a plane blade and will use this plane to cut a piece of molding. We will explore several different methods of shaping the profile of a molding plane including scratch stock, mother planes and a variety of other types of planes. We will also cut and shape, harden and temper the blade for the plane.

**Traditional Bench Jointer Plane****Dates: October 25-26****Cost: \$160**

Make a 22" close-handled bench plane using traditional tools such as mortise chisels, floats, and curved rasps. Students will fit a traditionally forged plane blade and use the plane to prepare edge joints for glue up.

**Traditional Coffin-Shaped Smoother****Dates: August 2-3****Cost: \$160**

Make a coffin-shaped block or smoothing plane using traditional tools such as mortise chisels and floats. Students will fit a traditionally forged plane blade and use the plane to prepare edges and surfaces on a wood panel.

**Traditional Toted Smoother****Dates: August 9-10****Cost: \$160**

Make a close-handled coffin-shaped smoothing plane using traditional tools such as mortise chisels, floats, and curved rasps. Students will fit a traditionally forged plane blade and use the plane to smooth a panel.

**Krenov Style Smoothing Plane****Dates: December 6-7****Cost: \$160**

Make a Krenov-inspired smoothing plane. Planes are constructed in the laminated style and will be fitted with a Hock blade and chipbreaker. These planes are relatively simple to make, but are highly versatile in the shop and the design can be easily modified for special purposes.

***Metal Bodied Shoulder Plane******Dates: November 1-2******Cost: \$160***

Make a simple dovetailed shoulder plane, ¾" wide with steel sole, brass sides and a wedged blade. Learn the technique for making peened dovetails in metal

**Project-Oriented Workshops*****Jewelry Box with Hand Tools******Dates: September 6-7******Cost: \$160***

Make a simple lidded mahogany jewelry box using hand-cut dovetail joinery and a hand plane shaped top. Learn to fit brass hinges and a keyed lock. All of the parts and the joinery will be cut and shaped using hand tools only.

***Elegant Side Table with Hand Tools******Dates: September 20-21******Cost: \$160***

Make a simple end or side table with inside tapered legs, pinned mortise and tenon joinery, and a molding plane shaped top. All of the parts and the joinery will be cut and shaped using hand tools only.

***Useful Workbench Fixtures and Aids******Dates: October 4-5******Cost: \$160***

Make a set of useful workbench fixtures, including a set of bench hooks, a square shooting board, a miter shooting board, planing stops, a bird's mouth clamp, and a holdfast clamping pad. We will have hands on work using these workbench aids to improve the accuracy of our work.

***Continuous Arm Windsor Chair******Dates: November 16-23******Cost: \$700***

Construct a continuous-arm Windsor chair entirely with hand tools while honing tool skills and learning joinery techniques. Split a log, shape the crest and spindles with drawknives and spokeshaves, hollow the seat using inshaves and travishers, and assemble the chair using hand drills. This workshop is conducted at John C. Campbell Folk School, Brasstown, NC (<http://www.folkschool.org>)